IR Dome Camera User Manual

⚠ Warning: Please read this manual carefully before installation and use!

1. INTRODUCTION

This camera uses a high sensitive 1/3" Color Sony Super HAD Ⅱ(Hi-Res.) sensor, producing pictures reaching up 700 TV lines of horizontal resolution.

KEY FEATURES

- 1/3" Color Sony Super HAD Ⅱ (Hi-Res.)
- Built-in Varifocal Lens (Megapixel)
- Built-in IR-LED
- WDR (Wide Dynamic Range) Function
- HLC(High Light Compensation) Function
- BLC (Back Light Compensation)
- Motion Detection
- On-Screen Display Function
- 3-Axis Mechanism Design

IV-DVFH-6100IR-700

2. PRECAUTIONS

- Do not install the product in extreme temperature conditions. Only use the camera under conditions where temperatures are between -10 and + 50℃. Be especially careful to provide ventilation when operating under high temperatures.
- Do not use or store the camera in humid environment.It may cause poor image quality.
- Do not use the camera in unstable lighting conditions.Inconsistent lighting or flickering may cause poor image.
- Never use the camera close to gas or oil leak.It may not operate properly.
- Do not disassemble the camera.There is no user serviceable part inside.
- Do not drop the camera or apply force on it.It may cause a malfunction.
- Never face the camera to strong light for long periods of time.It may damage the CCD sensor.
- Do not expose the camera to rain or any types of liquid.If wet, wipe the moisture out immediately.Liquids can contain minerals that corrode the electronic components.

3. EQUIPMENT INSTALLATION

1. Open the accessory pack, Use screws to chassis is fixed on the wall or ceiling;. Put the camera fixed on the chassis.

2. Plug the external cables according to the use requirements of equipment.

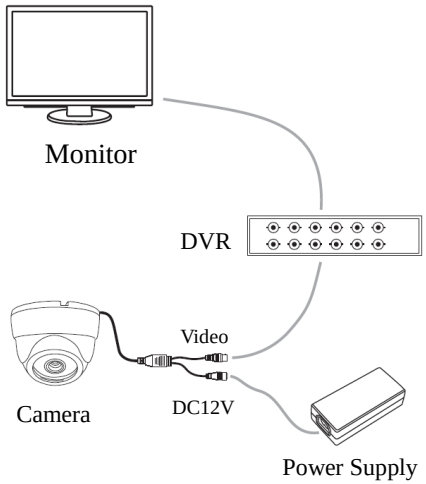
2.1 Video output BNC connector.

GND —◉- - - Video

2.2 Power input connector.

⊖ —◉- - - ⊕

3. The up and down or so regulating equipment, according to the use requirements set equipment of direction.



4. SPECIFICATIONS

Model	IV-DVFH-6100IR-700
Image Sensor	1/3" Color Sony Super HAD Ⅱ(Hi-Res.)
Active Pixel	NTSC:976*494, PAL: 976*582 (H*V)
Resolution	Color:700TV Lines; B/W:750TV Lines
Min.lllumination	Color:0.1 Lux, 0 Lux (IR ON)
S/N Ratio	More than 50dB(AGC off)
WDR	ATR
Lens	Varifocal Lens 2.8-12mm (Megapixel)
AGC	Auto
Shutter Speed	NTSC:1/60~1/100,000 sec
Backlight	Off/BLC/HLC
Day&Night	Auto*Color/B&W
White Balance	Auto
Mirror	Off/On
Motion Detection	4Masks
Privacy Mask	4Masks
Language	Eight country languages (Option)
Infrared Luminary	41 Pieces Φ5 IR-LED (850 nm)
Illumination Distance	35M
Power(Max.) supply	DC12V ±10%　6W
Video Output	CVBS: 1 Vp-p /75 Ohms BNC connector
Operating Temp.	- 10°C ~ 50°C
Storage Temp.	- 30°C ~ 60°C

5. PACKING LIST

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